ABSTRACT OF THE DISCLOSURE

SYSTEM AND METHOD FOR ACCESSING A SOCKS SERVER FROM AN END USER WORKSTATION IN AN IP NETWORK

A method and system for setting a value within a
type of service field in an Internet Protocol (IP)
datagram in accordance with an application level protocol
at which said IP datagram is transported within a socks
connection from a source application that resides within
a source device to a destination application that resides
within a destination device. The method includes
determining IP addresses of the source and destination
devices. The application level protocol for the source
and destination devices are then determined utilizing the
port addresses to which and from which the IP datagram is
sent. The IP addresses for the source and destination
nodes as well as the identity of the application level
protocols corresponding to the source and destination
applications are then indexed in a first table. A type
of service value to be encoded within the IP datagram is
then determined and written into the type of service
field of the IP datagram.